IN THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF:

Safe Drinking Water Determination; Underground Injection Control Program, Determination of Indian Country Status for Purposes of Underground Injection Control Program Permitting

ON REMAND FROM:

UNITED STATES COURT OF APPEALS FOR THE TENTH CIRCUIT COURT

Case Nos: 97-9556, 97-9557

HRI, Inc.

Petitioner

v.

United States Environmental Protection Agency

Respondent

APPENDIX OF EXHIBITS TO WRITTEN COMMENTS OF HRI, INC. IN SUPPORT OF THE POSITION THAT THE SECTION 8 LAND IN QUESTION IS NOT INDIAN COUNTRY AS DEFINED IN 18 U.S.C. § 1151(B) AND STATE OF ALASKA v. NATIVE VILLAGE OF VENETIE TRIBAL GOVERNMENT, 522 U.S. 520 (1998)

HRI, Inc., by and through its counsel of record, hereby submit the following exhibits in support of the position that the Section 8 land in question is not Indian country as defined in 18 U.S.C. § 151(b) and State of Alaska v. Native Village of Venetie Tribal Government, 522 U.S. 520 (1998):

APPENDIX X

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			ALS LICENSE				
by the license material designersons authorspecified in S	gnated below; to use such rized to receive it in accordection 183 of the Atomic	1954, as amended, the Energy D. 31, 32, 33, 34, 35, 36, 39, 40 authorizing the licensee to rematerial for the purpose(s) and ance with the regulations of the Energy Act of 1954, as amended the energy and the effect and to any	and 70, and in reliance of the color, acquire, possess, and at the place(s) designate applicable Part(s). This posted, and is subject to all the color, and its subject to all the colors.	on statements and reproduct, and transfer byproduct, ated below; to deliver a license shall be deem	esentations source, and or transfer	heretofolispecial	ore mad il nucle: aterial i
Suite Albuqu	Licensed Resources, Inc. Coors Blvd, NW 101 Jerque, NM 87120		3. License Number	SUA-1580 Amendment No.	. 1		
2.			4. Expiration Date	January 5, 2003			
			5. Docket or	40-8968			1 designation
6. Byproduct Special Nu	. Source, and/or iclear Material	7. Chemical an Form	Reference No.	8. Maximum A May Posse Under This	ss at Any (
U	ranium	A	ny	L	Inlimited		
SECTIO	ON 9: ADMINIS	TRATIVE CONDITIONS	S				
9.1	includes the Cr	place of use shall be the ownpoint, Unit 1, and Cinley County, New Mex	hurch Rock uraniur	npoint Uranium Pi m recovery and p	roject wh rocessin	ich g	
9.2	which shall also Recovery Brand Safeguards, U. 20555. Inciden	es and reports required orts required under Lices be submitted to Regio ch, Division of Waste MS. Nuclear Regulatory (ts and events that requirer at (301) 816-5100.	nse Condition (LC) n IV) shall be addre anagement, Office Commission, Mail S	12.3 and 10 CFF essed to the Chie of Nuclear Mater top T-7J9 Wash	R Part 40 f, Uraniu ial Safet ington, F	.65, m y and oC	
9.3	and statements (as supplement Uranium Projec except where s licensee uses the	nall conduct operations made in its license apped by the licensee subret Consolidated Operation uperseded by license cone words "will" or "shall" prceable license require	plication submitted by the state of the stat	oy cover letter da chment A), and ir ev. 2.0, dated Aug l in this license. \	ted April the Cro just 15, Wheneve	25, 1 wnpo 1997 - er the	988 int
9.4 A)	Crownpoint Pro changes in its s	ay, without prior NRC re ject's facilities or proces tandard operating proces s that the following con	sses as described in edures; and (iii) cor	n the COP (Rev.	2.0): (ii)	make , if the	Э

the change, test, or experiment does not conflict with any requirement specifically stated in this license, or impair the licensee's ability to meet all applicable NRC regulations;

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	(2) there is no degradation in the safety or env Crownpoint Uranium Project Consolidated the approved reclamation plan for the Crow	vironmental commitments made in the Operations Plan (COP), Revision 2.0, or in vnpoint Project; and
	(3) the change, test, or experiment is consister Final Environmental Impact Statement (FEI Evaluation Report (SER, dated December	nt with NRC's findings in NUREG-1508, the IS, dated February 1997) and the Safety 1997) for the Crownpoint Project.
	If any of these conditions are not met for the charconsideration, the licensee is required to submit a review and approval. The licensee's determination met will be made by a Safety and Environmental determinations shall be documented, and the recodeterminations shall be reported annually to the records shall include written safety and environm provide the basis for determining whether or not to	nge, test, or experiment under a license amendment application for NRC ons as to whether the above conditions are Review Panel (SERP). All such ords kept until license termination. All such NRC, pursuant to LC 12.8. The retained ental evaluations, made by the SERP, that the conditions are met.
B)	The SERP shall consist of a minimum of three incone of these shall be designated the SERP chain expertise in management and shall be responsible changes; one member shall have expertise in operesponsibility for implementing any operational chair Environmental Manager, with the responsibility of radiation safety and environmental requirements, the SERP as appropriate, to address technical as hydrology, surface-water hydrology, specific earth Temporary members or permanent members, oth individuals, may be consultants.	man. One member of the SERP shall have the for managerial and financial approval erations and/or construction and shall have hanges; and, one member shall be the fensuring that changes conform to Additional members may be included in spects such as health physics, groundwater in sciences, and other technical disciplines.
9.5	As a prerequisite to operating under this license, surety arrangement to cover the estimated costs groundwater restoration. Generally, these surety based on cost estimates for a third party completi Surety for groundwater restoration of the initial we Surety shall be maintained at this level until the n the groundwater quality of a production-scale wel restoration demonstration described in LC 10.28. restoration requires greater pore-volumes or high will be adjusted upwards. Upon NRC approval, the approved financial surety arrangement consistent Criterion 9.	the licensee shall submit an NRC-approved of decommissioning, reclamation, and amounts shall be determined by the NRC ing the work in case the licensee defaults. ell fields shall be based on 9 pore-volumes. umber of pore volumes required to restore I field has been established by the If at any time it is found that well field er restoration costs, the value of the surety ne licensee shall maintain the NRC-
	Annual updates to the surety amount, required by shall be provided to the NRC at least 3 months prissuance. If the NRC has not approved a proposidate of the existing surety arrangement, the licentric prior to expiration, for 1 year. Along with each prosurety the licensee shall submit supporting documents and the basis for the cost estimates with adapproved Urban Consumer Price Index), maintencontingency, changes in engineering plans, activities.	of 10 CFR Part 40, Appendix A, Criterion 9, for to the anniversary date of the license ed revision 30 days prior to the expiration see shall extend the existing arrangement oposed revision or annual update of the nentation showing a breakdown of the justments for inflation (i.e., using the ance of a minimum 15 percent ties performed, and any other conditions

- (2) there is no degradation in the safety or environmental commitments made in the Crownpoint Uranium Project Consolidated Operations Plan (COP), Revision 2.0, or in the approved reclamation plan for the Crownpoint Project; and
- the change, test, or experiment is consistent with NRC's findings in NUREG-1508, the Final Environmental Impact Statement (FEIS, dated February 1997) and the Safety Evaluation Report (SER, dated December 1997) for the Crownpoint Project.

- B) The SERP shall consist of a minimum of three individuals employed by the licensee, and one of these shall be designated the SERP chairman. One member of the SERP shall have expertise in management and shall be responsible for managerial and financial approval changes; one member shall have expertise in operations and/or construction and shall have responsibility for implementing any operational changes; and, one member shall be the Environmental Manager, with the responsibility of ensuring that changes conform to radiation safety and environmental requirements. Additional members may be included in the SERP as appropriate, to address technical aspects such as health physics, groundwater hydrology, surface-water hydrology, specific earth sciences, and other technical disciplines. Temporary members or permanent members, other than the three above-specified individuals, may be consultants.
 - As a prerequisite to operating under this license, the licensee shall submit an NRC-approved surety arrangement to cover the estimated costs of decommissioning, reclamation, and groundwater restoration. Generally, these surety amounts shall be determined by the NRC based on cost estimates for a third party completing the work in case the licensee defaults. Surety for groundwater restoration of the initial well fields shall be based on 9 pore-volumes. Surety shall be maintained at this level until the number of pore volumes required to restore the groundwater quality of a production-scale well field has been established by the restoration demonstration described in LC 10.28. If at any time it is found that well field restoration requires greater pore-volumes or higher restoration costs, the value of the surety will be adjusted upwards. Upon NRC approval, the licensee shall maintain the NRCapproved financial surety arrangement consistent with 10 CFR Part 40, Appendix A, Criterion 9.

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	affecting estimated costs for site closure.				•
	The licensee shall provide an NRC-approved upoplanned expansion or operational change which lupdate. This surety update shall be provided to to commencement of the planned expansion or operation.	has not been the NRC at lea	included in ast 90 days	the annual s	surety
	The licensee shall also provide the NRC with cop submitted to the State of New Mexico, a copy of approved surety arrangement. The licensee must authorized to be held by the State, identifies the I covers the above-ground decommissioning and disposal, soil and water sample analyses, and growith the site. The basis for the cost estimate is the NRC-approved revisions to the plan.	the State's su st also ensure NRC-related p decontaminati oundwater res	rety review, that the sur portion of the on, the cost storation act	and the fina ety, where e surety and of off-site ivities assoc	al d ciated
9.6	The licensee shall dispose of 11e.(2) byproduct new waste disposal site licensed by the NRC or an Agmaterial. At each project site, the licensee shall represent the boundary for storing contaminated materials prior waste disposal agreement must be maintained or terminated, the licensee shall notify the NRC pursue that the licensee shall notify the NRC pursue ratified within 90 days of expiration or terminated.	greement State maintain an ar r to their dispo n-site. Should suant to LC 12	e to receive rea within th ssal. The lic d this agreer 2.6. A new	11e.(2) byp e restricted ensee's app nent expire agreement s	oroduct area proved or be shall

be ratified within 90 days of expiration or termination of the previous agreement, or the licensee will be prohibited from further lixiviant injection.

The licensee shall implement and maintain a training program for all site employees as described in Regulatory Guide 8.31, and as detailed in the COP of the approved license application. All training materials shall incorporate the information from current versions of 10 CFR Part 19 and 10 CFR Part 20. Additionally, classroom training shall include the subjects described in Section 2.5 of Regulatory Guide 8.31. All personnel shall attend annual refresher training, and the licensee shall conduct regular safety meetings on at least a bi-monthly basis, as described in Section 2.5 of Regulatory Guide 8.31

The Radiation Safety Officer (RSO), or his designee, shall have the education, training and experience as specified in Regulatory Guide 8.31. A Radiation Safety Technician (RST) shall have the qualifications specified in Regulatory Guide 8.31. Any person newly hired as an RST shall have all work reviewed and approved by the RSO as part of a comprehensive training program until appropriate course training is completed, and at least for 6 months from the date of appointment.

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9.8

Written standard operating procedures (SOPs) shall be established and followed for: (1) all operational activities involving radioactive materials that are handled, processed, stored, or transported by employees; (2) all non-operational activities involving radioactive materials including in-plant radiation protection and environmental monitoring; and (3) emergency procedures for potential accident/unusual occurrences including significant equipment or facility damage, pipe breaks and spills, loss or theft of yellowcake or sealed sources, and significant fires. The SOPs shall include appropriate radiation safety practices to be followed in accordance with 10 CFR Part 20. SOPs for operational activities shall enumerate pertinent radiation safety practices to be followed. A copy of the current written procedures shall be kept in the area(s) of the production facility where they are utilized. All SOPs for activities described in the COP shall be reviewed and approved as presently described in the COP.

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9.9	Release of equipment, materials, or packages of accordance with NRC staff position, "Guidelines Equipment Prior to Release for Unrestricted Us Source Materials," dated May 1987, or suitable	s for Decontamination of F	facilities and
9.10	prior to any such release. Any corporate organization changes affecting the of the radiation safety staff as described in the shall conform to Regulatory Guide 8.31.	he assignments or reporting	na responsibilitios
9.11	The licensee is hereby exempted from the requiareas within the process facility, provided that a posted in accordance with Section 20.1902(e), THIS FACILITY MAY CONTAIN RADIOACTIVE	III entrances to the facility	ara aananiawawal
9.12	Before engaging in any construction activity not licensee shall conduct a cultural resource invent proposed development will be completed in compreservation Act of 1966, as amended, and its i and the Archaeological Resources Protection Actimplementing regulations (43 CFR Part 7).	tory. All disturbances ass pliance with the National mplementing regulations.	ociated with the Historic 36 CER Part 800)
	In order to ensure that no unapproved disturban resulting in the discovery of previously unknown shall be inventoried and evaluated in accordanc shall occur until the licensee has received written and Navajo Nation Historic Preservation Offices.	cultural artifacts shall cease with 36 CFR Part 800, and authorization to proceed	ise. The artifacts
9.13	Prior to injection of lixiviant, the licensee shall hat Agreements (MOAs) between the licensee and I facilities, and other emergency services, ratified shall identify individual party responsibilities, cooprocedures for all emergency incident responses	ocal authorities, the fire de and in effect. At a minime ordination requirements, as	epartment, medical
9.14	Prior to injection of lixiviant, the licensee shall ob the appropriate regulatory authorities.	otain all necessary permits	and licenses from
SECTION	10: OPERATIONS, CONTROLS, LIMITS, AND	O RESTRICTIONS	
10.1	The licensee shall use a lixiviant composed of na sodium bicarbonate, and dissolved oxygen or air license application.	ative ground water, carbor r, as specified in the COP	n dioxide gas or of the approved
10.2	The processing plant flow rate at each site (Chur exceed 4000 gal/min (15,140 L/min), exclusive o production from all three sites shall not exceed 3	f restoration flow. Total vi	ellowcake
10.3	Injection well operating pressures shall be mainta pressures, and shall not exceed the well's mecha	ained at less than formatic anical integrity test pressu	on fracture re.

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10.4	Only steel or fiber glass well casing shall be used wells completed into the Dakota Sandstone, Wes	d at the Unit 1 and Crownpoint sites for all stwater Canyon, and Cow Springs aguifers.
10.5	A leak detection monitoring system shall be install shall measure and document pond freeboard and daily, including weekends and holidays. If fluid led detected in the leak detection sumps, the fluid in for specific conductance and chloride. Elevated retention pond liner leak, at which time the licens actions: (a) analyze standpipe water quality same during the leak period, and once every 7 days for (b) locate and repair the area of liner damage. A also file a report pursuant to LC 12.2. At all times maintained in the retention pond system to enable the other ponds. In the event of a leak and subserequirements may be suspended during the repair.	lled for all retention ponds. The licensee of fluid levels in the leak detection system evels greater than 6 in (15.2 cm) are the sumps shall be sampled and analyzed levels of these parameters shall confirm a ee shall take the following corrective ples for leak parameters once every 7 days at least 14 days following repairs; and fter a confirmed leak, the licensee shall is, sufficient reserve capacity shall be e transferring the contents of one pond to equent transfer of liquid, the freeboard
10.6	At the Crownpoint site, from initial lixiviant injection restoration activities, the licensee shall at all time capacity to provide a 50 gal/min (189 L/min) blee licensee shall document all required uses of the experience.	s maintain sufficient emergency generator different the Westwater Canvon aquifer. The
10.7	Liquid oxygen tanks shall be located within the w shall be located on the concrete pad near a wast stored inside the designated restricted area.	ell fields. Other chemical storage tanks e retention pond. All yellowcake shall be
10.8	For all required types of surveys, the licensee shafrequencies, and lower limits of detection establis Additionally, all radiation survey instruments shall with Regulatory Guide 8.30.	hed in Table 2 of Regulatory Guide 8.30.
10.9	The licensee shall ensure that the manufacturer-maintained in the drying chamber during all period shall be accomplished by continuously monitoring instrumentation which will signal an audible alarm the manufacturer's recommended levels. The alardocumented daily. Additionally, yellowcake drying suspended if any emission control equipment for is not operating within specifications for design periods.	ds of yellowcake drying operations. This differential pressure and installing if the air pressure differential falls below rm's operability shall be checked and goperations shall be immediately the yellowcake drying or packaging areas
10.10	All liquid effluents from process buildings and oth exception of sanitary wastes, shall be disposed o CFR Part 20, Subpart K.	er process waste streams, with the fin accordance with the requirements of 10
10.11	Within restricted areas, eating shall be allowed or	nly in designated eating areas.
10.12	An excursion shall have occurred if, in any monitor parameters exceed their respective upper control parameter exceeds its upper control limit by 20 per within 24 hours after results of the first analyses at that either of the excursion criteria in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lift the second sample does not show that the excursion criterial in (a) or (b) are lifted the control of the cont	limits; or (b) a single upper control limit ercent. A verification sample shall be taken are received. If the second sample shows a present, an excursion shall be confirmed.

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	third sample shall be taken within 48 hours after tacquired. If the third sample shows that either of present, an excursion shall be confirmed. If the texcursion criteria in (a) or (b) are present, the first	the excursion criteria in (a) or (b) are hird sample does not show that the
10.13	If an excursion is not corrected within 60 days of terminate injection of lixiviant within the well field increase the surety in an amount to cover the full up the excursion. The surety increase for horizon calculated using the method described on page 4 increase shall remain in force until the NRC has vecorrected and cleaned up. The written 60-day ex shall identify which course of action [(a) or (b) lister	until aquifer cleanup is complete; or (b) third-party cost of correcting and cleaning tal and vertical excursions shall be 4-22, Section 4.3.1 of the FEIS. The surety verified that the excursion has been accursion report, filed pursuant to LC 12.1.
10.14	At the Unit 1 or Crownpoint sites, if a vertical excusandstone aquifer, the licensee shall complete an vertical excursion has impacted any other overlying than 150 gal/day (568 L/day). The specific aquife licensee's 60-day excursion report, filed pursuant	nd sample monitor wells to determine if the ng aquifers that could sustain yields greater ers to be monitored shall be identified in the
10.15	At the Crownpoint site, from initial lixiviant injection restoration activities, the licensee shall maintain a groundwater quality in the well fields has been dethe required limits established pursuant to LC 10.	a continuous bleed (pumping) until the etermined by the NRC to be fully restored to
10.16	During groundwater restoration activities at produ 1 or Crownpoint sites, the licensee shall reimburs supply wells for any increased pumping and well water levels due to groundwater restoration activit does not apply to restoration demonstrations of si	e the operators of the Crownpoint water work-over costs associated with a drop in ties. This reimbursement requirement
10.17	Prior to injection of lixiviant in a well field, monitor Canyon aquifer and shall encircle the well field at of the production or injection wells and 400 ft (122 angle formed by lines drawn from any production not exceed 75 degrees. At the Church Rock site, shall be located by treating production mine worki wells. Sampling frequencies for all monitor wells aquifer shall be as stated in LC 11.3.	a distance of 400 ft (122 m) from the edge 2 m) between each monitor well. The well to the two nearest monitor wells shall Westwater Canyon aquifer monitor wellsings as if they were injection or production
10.18	Prior to injection of lixiviant in a well field at the Ur shall be completed in the Dakota Sandstone aqui minimum density of one well per 4 acres (1.62 hat these wells shall be as stated in LC 11.3.	fer. Such wells shall be placed at a
10.19	Prior to injection of lixiviant at the Unit 1 site, the I monitor wells in the overlying Dakota Sandstone atown of Crownpoint water supply wells, in addition Groundwater restoration goals and upper control pursuant to LCs 10.21 and 10.22, except that upper these wells on a well-by-well basis. Sampling free in LC 11.3.	aquifer between the well fields and the to the wells required by LC 10.18. Ilmits for these wells will be established per control limits shall be established for
	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	

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10.20	completed in: (a) the Brushy Basin "B" san Monitor wells completed in the Brushy Basidensity of one well per 4 acres (1.62 ha) of sandstone aquifer shall be placed at a min well field. Any openings of the existing min Dakota Sandstone aquifers, shall be monitor sandstone monitor wells placed within 40 placed down-gradient from the openings.	ft (12 m) of the openings. These wells shall be
10.21	Lixiviant shall not be injected into a well fie and analyzed to establish groundwater reswell field, as follows:	ld before groundwater quality data is collected toration goals for each monitored aquifer of the
	independently-collected groundwate monitor well in the well field; and (2) acre of well field. Samples shall be other. Groundwater restoration goal parameter basis, with the primary respre-lixiviant injection conditions. If g to average pre-lixiviant injection leve groundwater quality to the maximum Environmental Protection Agency (E regulations. The secondary restorat	vater restoration goals by analyzing three r samples of formation water from: (1) each a minimum of one production/injection well per collected a minimum of 14 days apart from each is shall be established on a parameter-bystoration goal to return all parameters to average roundwater quality parameters cannot be returned lis, the secondary goal shall be to return concentration limits as specified in the U.S. PA) secondary and primary drinking water on goal for barium and fluoride shall be set to the gwater standard. The secondary restoration goal pCi/L).
	alkalinity, ammonium, arsenic, bariur carbonate, chloride, chromium, copp magnesium, manganese, mercury, n combined radium-226 and radium-22 dissolved solids, uranium, vanadium radon, uranium, and radium). The rebe established by calculating the bas calculating a groundwater restoration using methods consistent with those Ground-Water Monitoring Data at RO	following parameters shall be measured: n, bicarbonate, boron, cadmium, calcium, er, fluoride, electrical conductivity, iron, lead, nolybdenum, nickel, nitrate, pH, potassium, 28, selenium, sodium, silver, sulfate, total zinc, gross Beta, and gross Alpha (excluding estoration goal for each of these parameters shall seline mean of the data collected. Prior to a goal for a parameter, outliers shall be eliminated specified in EPA's 1989, "Statistical Analysis of CRA [Resource Conservation and Recovery Act] eter concentrations determined to be high or low and groundwater restoration goals.
10,22	Lixiviant shall not be injected into a well fie and analyzed to establish upper control limfollows:	d before groundwater quality data is collected its for each monitored aquifer of the well field, as
		ependently-collected groundwater samples of ell in the well field. Samples shall be collected a other.

- 10.20 Prior to injection of lixiviant in a well field at the Church Rock site, monitor wells shall be completed in: (a) the Brushy Basin "B" sand aquifer; and (b) the Dakota Sandstone aquifer. Monitor wells completed in the Brushy Basin "B" sand aquifer shall be placed at a minimum density of one well per 4 acres (1.62 ha) of well field. Monitor wells completed in the Dakota sandstone aquifer shall be placed at a minimum density of one well per 8 acres (3.24 ha) of well field. Any openings of the existing mine workings into the Brushy Basin "B" sand, or Dakota Sandstone aquifers, shall be monitored by Brushy Basin "B" sand or Dakota Sandstone monitor wells placed within 40 ft (12 m) of the openings. These wells shall be placed down-gradient from the openings. Sampling frequencies for all monitor wells completed in the Brushy Basin and Dakota Sandstone aquifers shall be as stated in LC 11.3.
- 10.21 Lixiviant shall not be injected into a well field before groundwater quality data is collected and analyzed to establish groundwater restoration goals for each monitored aquifer of the well field, as follows:

- A) The licensee shall establish groundwater restoration goals by analyzing three independently-collected groundwater samples of formation water from: (1) each monitor well in the well field; and (2) a minimum of one production/injection well per acre of well field. Samples shall be collected a minimum of 14 days apart from each other. Groundwater restoration goals shall be established on a parameter-byparameter basis, with the primary restoration goal to return all parameters to average pre-lixiviant injection conditions. If groundwater quality parameters cannot be returned to average pre-lixiviant injection levels, the secondary goal shall be to return groundwater quality to the maximum concentration limits as specified in the U.S. Environmental Protection Agency (EPA) secondary and primary drinking water regulations. The secondary restoration goal for barium and fluoride shall be set to the State of New Mexico primary drinking water standard. The secondary restoration goal for uranium shall be 0.44 mg/L (300 pCi/L).
- B) In establishing restoration goals, the following parameters shall be measured: alkalinity, ammonium, arsenic, barium, bicarbonate, boron, cadmium, calcium, carbonate, chloride, chromium, copper, fluoride, electrical conductivity, iron, lead. magnesium, manganese, mercury, molybdenum, nickel, nitrate, pH, potassium, combined radium-226 and radium-228, selenium, sodium, silver, sulfate, total dissolved solids, uranium, vanadium, zinc, gross Beta, and gross Alpha (excluding radon, uranium, and radium). The restoration goal for each of these parameters shall be established by calculating the baseline mean of the data collected. Prior to calculating a groundwater restoration goal for a parameter, outliers shall be eliminated using methods consistent with those specified in EPA's 1989, "Statistical Analysis of Ground-Water Monitoring Data at RCRA [Resource Conservation and Recovery Act] Facilities, Interim Guidance." Parameter concentrations determined to be high or low outliers will not be used in establishing groundwater restoration goals.
- 10.22 Lixiviant shall not be injected into a well field before groundwater quality data is collected and analyzed to establish upper control limits for each monitored aquifer of the well field, as follows:
 - A) The licensee shall analyze three independently-collected groundwater samples of formation water from each monitor well in the well field. Samples shall be collected a minimum of 14 days apart from each other.

B) The upper control limit parameters shall be chloride, bicarbonate, and electrical conductivity [corrected to a temperature of 25°C (77°F)]. The concentrations of these upper control limit parameters shall be established for each well field by calculating the baseline mean of the upper control limit parameter concentration, and adding 5 standard deviations. Prior to calculating upper control limits, outliers shall be eliminated using methods consistent with those specified in EPA's 1989, "Statistical Analysis of Cround-Water Monitoring Data at RCRA Facilites, Interim Guidance". Values determined to be high and low outliers will not be used in the calculation of upper control limits, outliers shall be performed to determine if overlying aquitards are adequate confining layers, and to confirm that horizontal monitor wells for that well field are completed in the Westwater Canyon aquifer. 10.24 The licensee shall perform mechanical well integrity tests on each injection and production well: (a) before the well is first used for in situ leach uranium extraction; (b) after each time the well has been serviced with equipment or otherwise subjected to procedures that could damage well casing; and (c) at least once every 5 years the well is in use. After a well has been completed and opened into the aquifer, a packer shall be set above the well screen and each well casing shall be filled with water. The well shall be pressurized with either air or water to 125 psi (652 KPe) at the land surface, or 25 percent above the expected operating pressure, whichever is greater. A well shall have passed the test if a pressure drop of no more than 10 percent occurred over 30 minutes. 10.25 If it is determined that a vertical connection exists in a well field between the Westwater Carryon aquifer and the Cow Springs aquifer, monitor wells will be completed in the Cow Springs aquifer within that well field at a minimum density of one well per 4 acres (1.62 ha) of well field. Groundwater restoration goals and upper control limits	NRC FORM 374A (7-94)		U.S. NUCLEAR REGULATORY COMMISSION		PAGE 8	OF 12	PAGE
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 well: (a) before the well is first used for <i>in situ</i> leach uranium extraction; (b) after each time the well has been serviced with equipment or otherwise subjected to procedures that could damage well casing; and (c) at least once every 5 years the well is in use. After a well has been completed and opened into the aquifer, a packer shall be set above the well screen and each well casing shall be filled with water. The well shall be pressurized with either air or water to 125 psi (862 kPa) at the land surface, or 25 percent above the expected operating pressure, whichever is greater. A well shall have passed the test if a pressure drop of no more than 10 percent occurred over 30 minutes. 10.25 If it is determined that a vertical connection exists in a well field between the Westwater Canyon aquifer and the Cow Springs aquifer, monitor wells will be completed in the Cow Springs aquifer within that well field at a minimum density of one well per 4 acres (1.62 ha) of well field. Groundwater restoration goals and upper control limits will be established for these wells, pursuant to LCs 10.21 and 10.22. Sampling frequencies for all monitor wells completed in the Cow Springs aquifer shall be as stated in LC 11.3. 10.26 Prior to injecting lixiviant at a site, or processing licensed material at the Crownpoint site, HRI shall provide and receive NRC acceptance - for that site - information, calculations, and analyses to document the adequacy of the design of waste retention ponds and their associated embankments (if applicable), liners, and hydrologic site characteristics. HRI shall demonstrate that the criteria described in the following documents have been met: 10 CFR Part 40, Appendix A, Criterion 5A regarding surface impoundment design; Regulatory Guide 3.11, "Design, Construction, and Inspection of Embankment Retention Systems,"; and Final Staff Technical Position, "Design of Erosion Protection Covers for Stabilization of Uranium Mills"; WM-8201, "Hydrologic Design Criteria for Tailings	10.23	aete	rmine if overlying aquitards are adequate cor	nfining lavers.	and to conf	irm that hori	to zontal
Canyon aquifer and the Cow Springs aquifer, monitor wells will be completed in the Cow Springs aquifer within that well field at a minimum density of one well per 4 acres (1.62 ha) of well field. Groundwater restoration goals and upper control limits will be established for these wells, pursuant to LCs 10.21 and 10.22. Sampling frequencies for all monitor wells completed in the Cow Springs aquifer shall be as stated in LC 11.3. Prior to injecting lixiviant at a site, or processing licensed material at the Crownpoint site, HRI shall provide and receive NRC acceptance - for that site - information, calculations, and analyses to document the adequacy of the design of waste retention ponds and their associated embankments (if applicable), liners, and hydrologic site characteristics. HRI shall demonstrate that the criteria described in the following documents have been met: 10 CFR Part 40, Appendix A, Criterion 5A regarding surface impoundment design; Regulatory Guide 3.11, "Design, Construction, and Inspection of Embankment Retention Systems for Uranium Mills"; WM-8201, "Hydrologic Design Criteria for Tailings Retention Systems,"; and Final Staff Technical Position, "Design of Erosion Protection Covers for Stabilization of Uranium Mill Tailings Sites." As applicable, based on the designs selected, HRI shall provide information in the following areas: A) maps and detailed drawings outlining drainage areas of principal water courses and drainage features at the site; B) drainage basin characteristics, including soil types and characteristics, vegetative cover, local topography, flood plains, geomorphic characteristics, and surficial and	10.24	the volume	(a) before the well is first used for <i>in situ</i> leawell has been serviced with equipment or other age well casing; and (c) at least once every 5 in completed and opened into the aquifer, a part each well casing shall be filled with water. That ater to 125 psi (862 kPa) at the land surface, rating pressure, whichever is greater. A well states	ach uranium exerwise subject by years the we acker shall be ne well shall be or 25 percent shall have pas	ktraction; (b) led to proce Il is in use. set above t e pressurize above the	after each dures that c After a well he well screed with eithe expected	time ould has en er air
HRI shall provide and receive NRC acceptance - for that site - information, calculations, and analyses to document the adequacy of the design of waste retention ponds and their associated embankments (if applicable), liners, and hydrologic site characteristics. HRI shall demonstrate that the criteria described in the following documents have been met: 10 CFR Part 40, Appendix A, Criterion 5A regarding surface impoundment design; Regulatory Guide 3.11, "Design, Construction, and Inspection of Embankment Retention Systems for Uranium Mills"; WM-8201, "Hydrologic Design Criteria for Tailings Retention Systems,"; and Final Staff Technical Position, "Design of Erosion Protection Covers for Stabilization of Uranium Mill Tailings Sites." As applicable, based on the designs selected, HRI shall provide information in the following areas: A) maps and detailed drawings outlining drainage areas of principal water courses and drainage features at the site; B) drainage basin characteristics, including soil types and characteristics, vegetative cover, local topography, flood plains, geomorphic characteristics, and surficial and	10.25	Cany Sprir of we these	yon aquifer and the Cow Springs aquifer, moings aquifer within that well field at a minimum ell field. Groundwater restoration goals and to wells, pursuant to LCs 10.21 and 10.22. Sa	nitor wells will I density of on Ipper control li ampling freque	be complete e well per 4 imits will be encies for al	ed in the Co acres (1.62 established	w ha) for
drainage features at the site; B) drainage basin characteristics, including soil types and characteristics, vegetative cover, local topography, flood plains, geomorphic characteristics, and surficial and	10.26	analy asso demo Part 3.11 Mills' Staff Mill T	shall provide and receive NRC acceptance - to see to document the adequacy of the designated embankments (if applicable), liners, are constrate that the criteria described in the follow 40, Appendix A, Criterion 5A regarding surfact, "Design, Construction, and Inspection of Em"; WM-8201, "Hydrologic Design Criteria for Technical Position, "Design of Erosion Prote Failings Sites." As applicable, based on the design of t	for that site - in of waste retend hydrologic simple impoundment Refailings Retent ection Covers f	nformation, ention ponds site characte nts have be- ent design; latention Sys- tion Systems for Stabiliza	calculations and their eristics. HR en met: 10 (Regulatory (tems for Urasi,"; and Fination of Urani	, and I shall CFR Guide Inium
cover, local topography, flood plains, geomorphic characteristics, and surficial and		A)	maps and detailed drawings outlining drains drainage features at the site;	age areas of p	rincipal wat	er courses a	and
		B)	cover, local topography, flood plains, geome	il types and ch orphic charact	aracteristics eristics, and	s, vegetative I surficial an	e d

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	analyses and calculations for peak f the methods and assumptions used	lood flows, including to compute the flood	the PMF, a	nd documer	nting
	 E) analyses and calculations for water ability of the retention ponds or diversity flooding; 	surface profiles and virsion channels to res	velocities as ist or limit e	ssociated wi rosion and	th the
	 analyses and computations of riprap retention ponds; 	or erosion protection	n needed to	protect the	
	G) specific details on the design, construction ponds and embankments (ruction, maintenance where applicable);	, and opera	tion of the w	aste
	specific details on the design, constrained and leak detection system.	ruction, maintenance	, and opera	tion of the li	ners
	any other analyses and computation criteria have been met.	s which demonstrate	that applica	able design	
10.27	Prior to the injection of lixiviant at the Crow	npoint site, the licens	see shall:		
	A) Replace the town of Crownpoint's wa and BIA-6, construct the necessary water supply systems of the Navajo Indian Affairs (BIA) can be connected pipelines, and other changes to the eleby the replacement of the wells spectral continue to provide at least the structure of the new wells shall be located so the does not exceed the EPA's primary addes not exceed a concentration of the situlation leach uranium extraction activities the appropriate placement with the appropriate agencies and re Navajo Nation Department of Water Navajo Nation EPA.	water pipeline, and pi Tribal Utility Authority d to the new wells. A existing water supply dified above, shall be same quantity of water at the water quality a and secondary drinking. 1,44 mg/L (300 pCi/L dities at the Unit 1 and tof the new wells, the	rovide funds (NTUA) and Any new well systems, made such er as the ex t each indiving water state Uranium, at Crownpoir e licensee sincluding Bl	s so the exist of the Burea lls, pumps, nade necess that the system isting system idual well heardards, and aresult on the sites. To shall coordin A. NTUA, the	eting ary etems ns. ead d f ate
	B) Abandon and seal wells NTUA-1, NT applicable requirements so these we movement of contaminants.	UA-2, BIA-3, BIA-5, ils cannot become fu	and BIA-6 ir Iture pathwa	n accordanc ays for the v	e with ertica
10.28	Prior to the injection of lixiviant at either the submit NRC-approved results of a groundw Church Rock site. The demonstration shall acceptable to the NRC, to determine the nurestore a production-scale well field.	vater restoration dem I be conducted on a I	onstration of large enough	conducted a	t the
10.29	Before starting uranium extraction operation site, the licensee shall submit an NRC-approproject. At a minimum, this plan shall include general description of the restoration method groundwater monitoring.	roved groundwater re de: (a) a proposed re	estoration placestoration s	an for the e chedule: (b)	ntire a

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10.30	Prior to injecting lixiviant at any of the sites, the liprocedure-level, detailed effluent and environment licensee shall develop and administer its radiolog	ntal monitoring program. In addition, the
	program consistent with Regulatory Guide 4.14. three airborne effluent monitoring stations at eac (Rev.2.0) Table 9.5-1.	The licensee shall maintain at a minimum
10.31	Prior to the injection of lixiviant at the Church Roc Westwater Canyon aquifer step-rate injection (fra boundaries, but outside future well field areas. C site shall also be performed before lixiviant injection.	icture) test within the Church Rock site
10.32	Prior to the injection of lixiviant at any of the sites water quality data to generally characterize the water quality data to generally characterize the water quality parameters: alkalinity, ammonium, arsenicalcium, carbonate, chloride, chromium, copper, formagnesium, manganese, mercury, molybdenum, radium-226 and radium-228, selenium, sodium, suranium, vanadium, zinc, gross Beta and gross A radium); and (b) conduct sufficient pumping test beneath each of the sites is hydraulically confined	ater quality of the Cow Springs aquifer and sampling wells for the following water c, barium, bicarbonate, boron, cadmium, fluoride, electrical conductivity, iron, lead, nickel, nitrate, pH, potassium, combined ilver, sulfate, total dissolved solids, lpha (excluding radon, uranium, and s to determine if the Cow Springs aquifer
SECTION	11: MONITORING, RECORDING AND BOOKING	REQUIREMENTS
11.1	The results of the following activities, operations, analyses; surveys or monitoring; survey/ monitoring audits and inspections; emergency generator use and training courses required by this license; and corrective actions. Unless otherwise specified in regulation, all documentation required by this licensest five (5) years by the licensee at its facility, an inspection.	ng equipment calibrations; reports on and maintenance records; all meetings any subsequent reviews, investigations, or a license condition or applicable NRC are shall be maintained for a period of at
11.2	Flow rates on each injection and production well, entire system, shall be measured and recorded date	and injection manifold pressures on the aily.
11.3	Formation water, from monitoring wells at well fiel groundwater restoration activities, shall be sample least once every 14 days, and the results docume corrective action for a confirmed excursion, sample every seven days for the upper control limit paramexcursion shall be considered corrected when all to their upper control limits.	ed for upper control limit parameters at ented pursuant to LC 11.1. During le frequency shall be increased to once neters until the excursion is concluded. An
11.4	Radiation Work Permits shall include, at a minimu 2.2 of Regulatory Guide 8.31.	m, the information described in Section
11.5	Site inspections and reviews shall be completed a described in Section 2.3.1 and 2.3.2 of Regulator	and documented by the licensee as

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11.6	The license shall in the same of the same				
11.0	The licensee shall implement a comprehensive b Regulatory Guide 8.22.	ioassay samplir	ng program	that confor	ms to
11.7	Until license termination, the licensee shall mainta 11e.(2) byproduct materials, and all spills of proceshall include date, volume of spill, total activity, suremediation surveys, and a map showing spill loc the licensee shall also determine whether the NR	ess chemicals. urvey results, co ation and impa	Document orrective acted area	ed informations, result After any sr	on s of aill
11.8	Prior to land application of waste water, the license acceptance of a plan outlining how the licensee was resulting from the land application. The plan shorted from land application that will be monitored, constant application and justification for the values see	vill monitor consuld identify the distribution in the contract of the contract	stituent buil	dup in soils	ng
SECTION 1	2: REPORTING REQUIREMENTS				
12.1	The licensee shall notify the NRC by telephone we excursion, and by letter within 7 days from the time LC 10.12. A written report describing the excursion corrective action results shall be submitted to NRC confirmation. If wells are still on excursion when to contain a schedule for submitting additional report event, corrective actions taken, and results obtain excursion, the report shall also contain a projected the extent of the vertical excursion.	e the excursion on event, correct within 60 days the report is substantial to the NRC died. In the case	is confirm ctive action s of the ex- omitted, the escribing to of a confir	ed, pursuan s taken, and cursion e report shall he excursior med vertical	the also
12.2	The licensee shall notify the NRC by telephone with pond liner leak, pursuant to LC 10.5. A written regression of the leak confirmation. This report shall corrective action taken, and discuss the results of	port shall be sul I include analyti	bmitted to	the NRC witl	n hin
12.3	The licensee shall submit the required effluent rep 40.65. The licensee shall submit the information s Guide 4.14, in addition to the reports required by	specified in Sec	tion 7 of R	0 CFR Part egulatory	
12.4	The licensee shall notify the NRC by telephone wind 11e. (2) byproduct materials, and all spills of procest radiological impact on the environment. The notification submittal of a written report detailing the condition taken, and results achieved. This shall be done in 10 CFR Part 20 and 40.	ss chemicals, to cation shall be s leading to the	hat might h followed, v spill, corre	nave a vithin 7 days ective action	s
12.5	In addition to reporting exposures of individuals to 10 CFR Part 20.2202, the licensee shall submit to such reportable incidents, detailing the conditions taken, and results achieved.	the NRC a writ	ten report	within 30 da	vs of
12.6	In the event the licensee's approved waste dispos licensee shall notify the NRC in writing within 7 wo	al agreement e rking days afte	xpires or is r the expira	s terminated, ation date.	the

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12.7	As part of the licensee's decommissioning activities the NRC for review and approval a detailed site resubmitted at least 12 months prior to the planned operations at the site. If depressions appear at the from in situ leach uranium extraction activities, the its general contour as part of the surface reclamation unrestricted use, the licensee shall provide informationuclide concentrations, due to licensed mate unrestricted release.	eclamation plan. The final shutdown of ura to land surface due to licensee shall return tion activities. Before ation to the NRC veri	plar niun sub the rele	n shall in extra osurfactions and single land single ase of that	be ction e colla urface any si	apse
12.8	The licensee shall provide in an annual report to Nand experiments made or conducted pursuant to and environmental evaluation of each such action licensee shall include any COP pages revised pur	LC 9.4, including a su . As part of this annu	mm	arv of t	he sa	s, fety
	8 m ² C ·	 				
	FOR THE NUCLEAR REC	GULATORY COMMIS	SIO	N		
Date: 2	Thomas H. Essig, Chief Uranium Recovery and Lo Waste Branch Division of Waste Manage Office of Nuclear Material and Safeguards	ement				

ATTACHMENT A

The licensee shall conduct its operations in accordance with all commitments, representations, and statements made in the following submittals, which are hereby incorporated by reference, except where superseded by license conditions in this license:

- May 8, 1989 (Crownpoint Facility Supplemental Environmental Report)
- July 13, 1989 (Crownpoint Cultural Resources Survey)
- January 6, 1992 (Unit 1 Allotted Lease Program Environmental Assessment (EA))
- July 31, 1992 (Unit 1 and Crownpoint Project Environmental Reports)
- October 9, 1992 (Unit 1 Underground Injection Control (UIC) Application)
- October 30, 1992 (Cultural Resources-Environmental Assessment and Management Plan for Crownpoint, NM)
- March 16, 1993 (Churchrock Project Revised Environmental Report)
- March 16, 1993 (Section 9 Pilot Summary Report)
- April 5, 1993 (page changes)
- April 6, 1993 (page changes)
- July 26, 1993 (page changes)
- October 11, 1993 (page changes)
- October 18, 1993 (Analysis of Hydrodynamic Control at Crownpoint and Churchrock)
- October 19, 1993 (Churchrock Surface Hydrology Analysis)
- October 19, 1993 (Churchrock and Crownpoint Aquifer Modeling Supplement)
- November 11, 1993 (page changes)
- January 24, 1994 (page changes)
- November 20, 1993 (Response to NRC Request for Additional Information)
- February 23, 1994 (Description of Radon Emission Controls)
- January 6, 1995 (EA Allotted Lease Program Unit 1)
- October 9, 1995 (Unit 1 UIC Application)
- February 20, 1996 (Response to NRC Comments)
- April 10, 1996 (Response to NRC Comments)
- May 3, 1996 (Response to NRC Comments)
- June 18, 1996 (Unit 1 Water Quality Information)
- August 15, 1996 (Response to NRC Comments)
- August 16, 1996 (Response to NRC Comments)
- August 21, 1996 (page changes)
- August 30, 1996 (Response to NRC Comments).
- September 5, 1996 (Surface Water Drainage Analysis at Churchrock)
- September 6, 1996 (page changes)
- September 13, 1996 (Response to NRC Comments)
- September 27, 1996 (Response to NRC Comments)
- September 30, 1996 (Crownpoint Uranium Project COP, Rev. 0.0)
- October 15, 1996 (Response to NRC Comments)
- October 18, 1996 (Restoration Standards Commitment)
- October 20, 1996 (Response to NRC Comments)
- October 29, 1996 (Response to NRC Comments)
- November 18, 1996 (Response to NRC Comments)
- November 26, 1996 (Response to NRC Comments)
- December 20, 1996 (NRC Proposed Requirements and Recommendations)
- December 26, 1996 (HRI Acceptance Letter to NRC Proposed Requirements and Recommendations)
- April 1, 1997 (NRC Proposed Requirements)
- April 25, 1997 (HRI Acceptance Letter to NRC Proposed Requirements)
- May 15, 1997 (Crownpoint Uranium Project COP, Rev 1.0)
- June 16, 1997 (Churchrock Design Specifications for Surface Water Diversion Channel)
- July 9, 1997 (HRI Electric Power Supply Commitment)
- August 18, 1997 (Response to NRC Comments)
- October 24, 1997 (HRI Commitment on Groundwater Baseline Sampling)

APPENDIX XI

IN THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF:

Safe Drinking Water Determination; Underground Injection Control Program, Determination of Indian Country Status for Purposes of Underground Injection Control Program Permitting

ON REMAND FROM:

COUNTY OF BERNALILLO

UNITED STATES COURT OF APPEALS FOR THE TENTH CIRCUIT COURT

Case Nos: 97-9556, 97-9557

HRI, Inc.
Petitioner
v.
United States Environmental Protection Agency
Respondent

AFFIDAVIT OF CRAIG S. BARTELS IN SUPPORT OF WRITTEN COMMENTS OF HRI, INC. IN SUPPORT OF THE POSITION THAT THE SECTION 8 LAND IN QUESTION IS NOT INDIAN COUNTRY AS DEFINED IN 18 U.S.C. § 1151(B) AND STATE OF ALASKA v. NATIVE VILLAGE OF VENETIE TRIBAL GOVERNMENT, 522 U.S. 520 (1998)

STATE OF NEW MEXICO)		
	22 (

Craig S. Bartels, being first duly sworn, deposes and states as follows:

1. My name is Craig S. Bartels, and I am the President of Hydro Resources, Inc. ("HRI"). This Affidavit is submitted in support of the Written Comments of HRI, Inc. in Support of the Position that the Section 8 Land in Question [defined below] is Not Indian

Country as Defined in 18 U.S.C. § 1151(b) and *State of Alaska v. Native Village of Venetie Tribal Government*, 522 U.S. 520 (1988). The statements in this Affidavit are true and correct to the best of my knowledge, information and belief. If called upon to testify to these matters, I would be competent to testify thereto.

- 2. HRI is the owner of approximately 160 acres located in the Southeast portion of Section 8, Township 16 N, Range 16 W, N.M.P.M., McKinley County, New Mexico (the "Section 8 land in question"). HRI is the fee title owner of the surface of the Section 8 land in question and the fee title owner of mineral rights for locatable minerals, including uranium, of the section 8 land in question under patent from the United States. The patent from the United States to United Nuclear Corporation dated May 5, 1970 is submitted in the Appendix as **Appendix IV**. HRI acquired the patent from United Nuclear Corporation.
- 3. HRI also acquired and owns unpatented mining claims that cover the remaining locatable mineral rights of Section 8. The surface area of Section 8 not owned by HRI (i.e. the land in Section 8 other than the Section 8 land in question) is owned by the United States Bureau of Land Management.
 - 4. There are no inhabitants on the Section 8 land in question.
- 5. McKinley County, New Mexico assesses property taxes on the Section 8 land in question which taxes are paid annually by HRI.
- 6. There is no evidence that the Section 8 land in question is now or has ever been set-aside or held in trust by the Federal Government for the use and occupancy of Indians.
- 7. There is no evidence that the Section 8 land in question is now or has ever been the subject of a Congressional or Executive act or conveyance setting the Section 8 land in question aside for Indian use.

- 8. The Section 8 land in question is not located within the boundaries of the Navajo reservation and it is not allotted land.
- 9. McKinley County, New Mexico provides the essential services to the Section 8 land in question including road maintenance; fire; police and emergency medical services; and schools and transportation to schools.
- 10. The State of New Mexico is responsible for maintenance of Highway 566, the sole access road to the Section 8 land in question. McKinley County is responsible for the maintenance of other roads in the area.
- 11. Electrical services for HRI's operations on the Section 8 land in question will be provided by Public Service of New Mexico, a private utility corporation.
- 12. The State of New Mexico maintains sole jurisdiction over water use on the Section 8 land in question and in the area surrounding the Section 8 land in question. The New Mexico State Engineer has adjudicated and approved HRI's water rights to conduct its operations on the Property. A copy of the October 22, 1999 New Mexico State Engineer's Findings and Order regarding HRI's water rights in Matter G-11-A is submitted in the Appendix as Appendix VII.
- 13. The documents submitted in the Appendix are true and correct copies of the documents.

FURTHER, AFFIANT SAYETH NOT.

Craig S. Bartels

President, Hydro Resources, Inc.

SUBSCRIBED AND SWORN to before me by Craig S. Bartels, the President of Hydro Resources, Inc. this 2014 day of January 2006.

Notary Public

My commission expires: